NOAA Teacher at Sea
Tamil Maldonado
Onboard NOAA Ship FAIRWEATHER
July 18 - 28, 2005

Log 9

Monday July 25 2005

NOAA Ship FAIRWEATHER:

Day: Mon July 25, 2005	Present Weather: CL/F	Sea wave height: 1
Time: 8:00 a.m.	Visibility: 8	Swell wave height: 4-5ft
Latitude: $56^0$54.2'N	Wind direction: 160	Sea water temp: 13.8
Longitude: $153^0$22.1'W	Wind speed: 16 knts	Sea level press: 1007.5

Day: Mon July 25, 2005	Present Weather: CL	Sea wave height: 3
Time: 8:00 p.m. (20:00)	Visibility: 8	Swell wave height: 6-7ft
Latitude: $56^0$06.7'N	Wind direction: 193	Sea water temp: 14.0
Longitude: $153^0$17.3'W	Wind speed: 15 knts	Sea level press: 1009.0

We sailed through Sitkalidok Strait, southeast of Aliulik, Kodiak Island. I got up seasick at 1:30 a.m. and stayed awake till 4:30 in the morning. I went back to sleep and after lunch I took a seasick pill to feel better. It just made me sleepy.

In the afternoon I interviewed one of the student scientists, Dylan Righi. He is a programmer and his work deals with wavelets using drifters to recollect data. He also "cleans" the data, since there is always some noise to be corrected. He graphs the path of different types of drifters into the water and does some numerical analysis. He runs a FORTRAN code on a UNIX system parallel to a computer back in Seattle. His data analyses are from the North East Pacific regions. The resolution of the wavelets is approximately 9 km, 520 points. Anyone interested on the code or data could get it from FOCI website: http:// www.pmelnoaa.gov/foci/

Sick 1:30 a.m.gt
Sleep
Talked with a programmer scientist- wavelets